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SEQUENCE LISTING

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Schultz, Loren D.
Wang, Xin-Min
Jansen, Kathrin U.

<120> OPTIMIZED EXPRESSION OF HPV 58 L1 IN
YEAST

<130> 21561P

<150> PCT/US2004/037372
<151> 2004-11-10

<150> 60/519,211
<151> 2003-11-12

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<211> 498

<212> PRT

<213> Human Papillomavirus Type 58

<400> 2

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1		5				10				15					
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Pro	Val	Ser	Lys	Val	Val	Ser	Thr	Asp	Glu	Tyr	Val	Ser	Arg	Thr	Ser
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

20				25						30					
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Ile	Tyr	Tyr	Tyr	Ala	Gly	Ser	Ser	Arg	Leu	Leu	Ala	Val	Gly	Asn	Pro
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35				40				45							
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Tyr	Phe	Ser	Ile	Lys	Ser	Pro	Asn	Asn	Asn	Lys	Lys	Val	Leu	Val	Pro
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50				55			60								
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Lys	Val	Ser	Gly	Leu	Gln	Tyr	Arg	Val	Phe	Arg	Val	Arg	Leu	Pro	Asp
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Pro Leu Gly Val Gly Val Ser Gly His Pro Tyr Phe Asn Lys Phe Asp			
115	120	125	
Asp Thr Glu Thr Ser Asn Arg Tyr Pro Ala Gln Pro Gly Ser Asp Asn			
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Arg Glu Cys Leu Ser Met Asp Tyr Lys Gln Thr Gln Leu Cys Leu Ile			
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Gly Cys Lys Pro Pro Thr Gly Glu His Trp Gly Lys Gly Val Ala Cys			
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Asn Asn Asn Ala Ala Ala Thr Asp Cys Pro Pro Leu Glu Leu Phe Asn			
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Ser Ile Ile Glu Asp Gly Asp Met Val Asp Thr Gly Phe Gly Cys Met			
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Asp Asp Leu Tyr Ile Lys Gly Ser Gly Asn Thr Ala Val Ile Gln Ser			
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Ser Ala Phe Phe Pro Thr Pro Ser Gly Ser Met Val Thr Ser Glu Ser			
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Gln Leu Phe Asn Lys Pro Tyr Trp Leu Gln Arg Ala Gln Gly His Asn			
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Thr Tyr Lys Asn Asp Asn Phe Lys Glu Tyr Val Arg His Val Glu Glu			
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 Glu Ile Met Thr Tyr Ile His Thr Met Asp Ser Asn Ile Leu Glu Asp
 385 390 395 400
 Trp Gln Phe Gly Leu Thr Pro Pro Pro Ser Ala Ser Leu Gln Asp Thr
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 435 440 445
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